



MIL-STD-3018 Parts Management



2008 DSP Conference



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DSCC-VS**





Short History of Parts Management



- The days of MIL-STD-965
- Acquisition Reform
- Parts Management Reengineering Working Group (PMRWG)
- Parts Management Reengineering Implementation Process Team (PMRIPT)
- Parts Standardization and Management Committee (PSMC)



History Continues



- PSMC Project Teams
 - Systems Engineering Team
 - Policy and Contracts Team
 - Tools Development Team
- The creation of MIL-STD-3018
- Associated Data Item Description (DI-SDMP-81748)



Parts Management Defined



MIL-STD-3018 defines Parts Management as the practice of considering the:

- Application
- Standardization
- Technology (both new and aging)
- System reliability, maintainability and supportability
- Cost

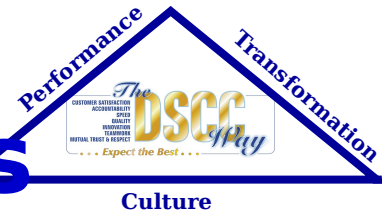
WHEN.....

Parts Management Defined (continued)



- Selecting Parts and
- Addressing
 - Availability
 - Logistics Support
 - DMSMS
 - Legacy Issues (Lessons Learned)
 - MIL-HDBK-454

“throughout the life of the systems”



MIL-STD-3018 Provisions

- Implements a Parts Management Program on acquisition contracts (new designs and modifications)
- Requires a Parts Management Plan in response to Requests for Proposals
- Provides for a Parts Management Advisory Team (PMAT)
- Contains the required Parts Management elements
- Provides an order of preference for part selection



Parts Management Advisory Team (PMAT)



- Program and commodity specialists
- Available to both the Acquisition Activity and contractor
- Provide recommendations on Parts Management plans and processes
- Provide recommendations on selection and use of preferred parts, as requested



Parts Management Elements



- Parts Selection Baseline
- Parts selection and authorization process
- Obsolescence Management
- Parts List
- Subcontractor management
- Part and supplier quality
- Part level documentation procedures
- Substitute and alternate part procedures
- Customer-contractor teaming
- Additional elements (e.g., lead free, counterfeit)



Order of Preference



- Parts required to meet Government regulatory requirements.
- Industry standard parts from DoD adopted non-Government standards, when suitable.
- Military and other Government standard parts.
- DoD commonly available parts.
- Industry standard parts from other non-Government standards, when suitable.



Order of Preference (continued)



- Commonly available manufacturer's part numbers from catalogs and/or Vendor Item Drawings, when suitable.
- Other (e.g. parts documented on source control drawings, selected item drawings, altered item drawings).



Where are we going?



- Continue to push for a policy statement.
- Provide education on and implement the Parts Management Program.
- Continue to develop automated tools.